## WHAT IS CLAIMED IS:

1. A communications system, comprising:

a transceiver capable of using a wireless communications link for transmission and reception of wireless signals;

a Global Positioning System (GPS) receiver, coupled to the transceiver and useable for at least computing a position of the transceiver, comprising:

a first data path for correlating an incoming GPS signal, located within a scanned signal window, with a locally generated signal; and

a second data path for verifying the incoming GPS signal, located within the scanned signal window, against a lock signal, the second data path determining whether the incoming GPS signal has at least one characteristic which differentiates the incoming GPS signal from an auto-correlated signal, wherein the GPS receiver can change the locally generated signal to continue to search the scanned signal window for a second incoming GPS signal if the incoming GPS signal lacks the at least one characteristic.

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- 2. The communications system of claim 1, wherein the first data path, the second data path, and the GPS receiver are located on a single integrated circuit.
- The communications system of claim 2, wherein the at least one characteristic is a
  predetermined signal strength of the incoming GPS signal.
  - 4. The communications system of claim 2, wherein the at least one characteristic is a predetermined Signal-to-Noise Ratio (SNR) of the incoming GPS signal.

5. The communications system of claim 2, wherein the at least one characteristic is selected from a group comprising a correlation to a different satellite code being stronger than a correlation to a desired satellite code, and a different delay of the same satellite code being stronger than a correlation to a locally generated code delay.

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- 6. The communications system of claim 2, wherein the at least one characteristic is at least two characteristics selected from a group comprising: a predetermined signal strength of the incoming GPS signal, a predetermined Signal-to-Noise Ratio (SNR) of the incoming GPS signal, a correlation to a different satellite code being stronger than a correlation to a desired satellite code, and a different delay of the same satellite code being stronger than a correlation to a locally generated code delay.
- 7. The communications system of claim 2, wherein the first data path is controlled by a first central processing unit (CPU), and the second data path is controlled by a second CPU.
  - 8. The communications system of claim 2, wherein the transceiver is a cellular telephone transceiver.
- 9. The communications system of claim 8, wherein the cellular telephone transceiver and the GPS receiver use a single local oscillator to provide a first reference frequency to the cellular transceiver and a second reference frequency to the GPS receiver.

- 10. The communications system of claim 9, wherein the first reference frequency and the second reference frequency are the same reference frequency.
- 11. The communications system of claim 10, wherein the cellular telephone transceiver and the GPS receiver share a processing unit.
  - 12. The communications system of claim 11, wherein the GPS receiver can send a position calculation via the cellular transceiver.
- 10 13. The communications system of claim 12, wherein the position calculation is at least one pseudorange.
  - 14. The communications system of claim 12, wherein the position calculation is raw GPS data.

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- 15. The communications system of claim 12, wherein the position calculation is a determined position of the GPS receiver that is co-located with the cellular telephone transceiver.
- 16. The communications system of claim 15, wherein the cellular telephone transceiver provides data to the GPS receiver.
  - 17. The communications system of claim 16, wherein the provided data comprises ephemeris information.

- 18. The communications system of claim 16, wherein the provided data comprises time information.
- 19. The communications system of claim 16, wherein the provided data comprises5 coarse position information.
  - 20. The communications system of claim 16, wherein the provided data is selected from a group comprising: time information, ephemeris information, and coarse position information.